

We claim:

1. A coating composition comprising a polyisocyanate compound, a hydroxyl-functional film-forming polymer, and a branched non-volatile monoalcohol.

5 2. The coating composition of claim 1 further comprising a reducer.

3. The coating composition of claim 1 wherein the hydroxy-functional film-forming polymer is an acrylic polyol.

4. The coating composition of claim 1 wherein the monoalcohol has at least an average of 12 carbons.

10 5. The coating composition of claim 1 wherein the monoalcohol has at least an average of 16 carbons.

6. The coating composition of claim 1 wherein the monoalcohol is a Guerbet alcohol.

7. The coating composition of claim 1 wherein the weight ratio of the monoalcohol to solid acrylic polyol is 1:99 to 50:50.

15 8. The coating composition of claim 7 wherein the weight ratio is 5:95 to 25:75.

9. The coating composition of claim 1 wherein the hydroxyl-functional film-forming polymer has a Tg of higher than 25 °C.

10. The coating composition of claim 9 wherein the Tg is higher than 40°C.

11. The coating composition of claim 1 wherein the branched non-volatile monoalcohol is aliphatic.

20 12. The coating composition of claim 1 wherein the hydroxyl-functional film-forming polymer is prepared in the presence of the branched non-volatile monoalcohol.

, 13. A multi-component coating composition comprising a polyisocyanate component and a hydroxyl-functional component, wherein the hydroxyl-functional component, in addition to the hydroxyl-functional film forming polymer also comprises the branched non-volatile monoalcohol.

25 14. A multi-component coating composition according to claim 13 further comprising a third component wherein the third component is a reducer.

15. The multi-component coating composition of claim 13 wherein the hydroxy-functional film-forming polymer is an acrylic polyol.

30 16. The multi-component coating composition of claim 13 wherein the monoalcohol has at least an average of 12 carbons.

17. The multi-component coating composition of claim 13 wherein the monoalcohol has at least an average of 16 carbons.

18. The multi-component coating composition of claim 13 wherein the monoalcohol is a Guerbet alcohol.

5 19. The multi-component coating composition of claim 13 wherein weight ratio of the monoalcohol to solid acrylic polyol is 1:99 to 50:50.

20. The multi-component coating composition of claim 19 wherein the weight ratio is 5:95 to 25:75.

10 21. The multi-component coating composition of claim 13 wherein the hydroxyl functional film-forming polymer has a Tg of higher than 25 °C.

22. The multi-component coating composition of claim 21 wherein the Tg is higher than 40°C.

15 23. The multi-component coating composition of claim 13 wherein the branched non-volatile monoalcohol is aliphatic.

24. The multi-component coating composition of claim 13 wherein the hydroxyl functional film-forming polymer is prepared in the presence of the branched non-volatile monoalcohol.

25. A method of refinishing a car, the method comprising applying a coating composition according to claim 1 to the car.

20 26. A method of refinishing a car, the method comprising applying a multi-component coating composition according to claim 13 to the car.

27. A clearcoat composition comprising a coating composition according to claim 1.

28. A clearcoat composition comprising a coating composition according to claim 13.

29. Process for the preparation of a multi-layer coating comprising (a) applying a basecoat composition to a substrate, (b) applying on top of the basecoat a clearcoat composition according to claim 1, and curing the multi-layer coating

25 30. Process for the preparation of a multi-layer coating comprising (a) applying a basecoat composition to an optionally coated substrate, (b) optionally curing the basecoat, (c) applying on top of the basecoat a clearcoat composition according to claim 14, and curing the multi-layer coating.

31. A process according to claim 29 wherein the substrate is coated prior to applying the base coat of step (a).
32. A process according to claim 30 further comprising the step of curing the basecoat applied in step (a) prior to applying the clearcoat in step (c).